

REMARKS

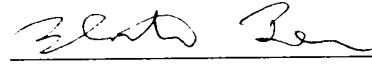
In the Office communication, Applicants are notified that the application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825. Specifically, Applicants are invited to submit a sequence listing in paper copy and computer readable form.

Enclosed herewith is a paper copy and a computer readable form of the sequence listing.

The amendment associated with this response only provides sequence identification numbers and a sequence listing for the DNA sequences already existed in the application. Thus, the amendment contains no new matter.

No fee is believed to be due in connection with this response. However, should any fees be due, please charge Deposit Account No. 17-0055.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

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FEB 05 2002

Applicants: Judith E. Kimble
Ronald T. Raines
Lisa C. Friedman

Group Art Unit: 1632
TECH CENTER 1600/290X

Serial No.: 09/663,805

Examiner: Shukla, R

Filed: 09/15/2000

File No.: 960296.96650

Title: ASSAYS FOR MODULATORS
OF PROLYL-4-HYDROXYLASE

In the Specification:

Please substitute the following paragraph for the existing paragraph on Page 8, Lines 10-21 in the Specification of the Application:

--Offspring from mutagenized animals were cultured in groups of 500. After one generation genomic DNA was prepared from pools of worms, and nested primers were used in two successive rounds of PCR. The external primers for Y47D3B.10 (corresponding to dpy-18) were CACGACGAGGAAGAGCGACTG (SEQ ID NO:1) and TACGATTCCAGTTCCCAAGC (SEQ ID NO:2); the internal primers were GAAGAAGCTGTCGGAGGAGTA (SEQ ID NO:3) and ACGGCTAGTGGGTTGAATCTC (SEQ ID NO:4). The expected product from amplification of wild-type genomic DNA is 3.2 kb. The external primers for F35G2.4 (corresponding to poh-1) were GCTCATGCAGATTGTTCACT (SEQ ID NO:5) and GTCAGCAGGAAGGCAGTAAAC (SEQ ID NO:6); the internal primers were GAGCAGAGAAGGATGTAACAA (SEQ ID NO:7) and ATAGTGCAGATTCCGTTCA (SEQ ID NO:8). The expected product from amplification of wild-type genomic DNA is 2.8 kb.--

O P E
JAN 17 2002

SEQUENCE LISTING

<110> ~~Sample~~ Judith E.
Paines, Ronald T.
Friedman, Lisa C.

<120> Assays for Modulators of Prolyl-4-Hydroxylase

<130> 960296.96650

<140> 09/663,805

<141> 2000-09-15

<150> 60/154,267

<151> 1999-09-16

<160> 8

<170> PatentIn Ver. 2.1

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:PCR Primer

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<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:PCR Primer

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<212> DNA

<213> Artificial Sequence

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